

Title (en)
Isocyanates blocked with hydroxyaromatic compounds.

Title (de)
Mit Hydroxyaromatverbindungen blockierte Isocyanaten.

Title (fr)
Isocyanates masqués au moyen de composés hydroxyaromatiques.

Publication
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Application
EP 95400934 A 19950426

Priority
FR 9405436 A 19940504

Abstract (en)
Blocked isocyanate is claimed which is obtd. by condensing an isocyanate with a hydroxylated aromatic deriv. having carboxyl and/or nitrile functional gps. and has a fusion pt. of at least 30 degrees C. The prepn. of the above prod. and the prodn. of a powder coating by heating a compsn. at 100-250 degrees C are also claimed.

Abstract (fr)
La présente invention a pour objet des isocyanates masqués, purs ou en mélange. Ces isocyanates masqués se définissent en ce qu'ils sont issus de la condensation d'un dérivé aromatique hydroxylé sur le noyau et portant une fonction choisie parmi les fonctions nitriles et de préférence carbonyles avec un isocyanate. Application à la synthèse organique.

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Citation (search report)

- [X] FR 2266725 A1 19751031 - NIPPON ESTER CO LTD [JP]
- [X] EP 0562394 A1 19930929 - BAYER AG [DE]
- [X] EP 0214495 A2 19870318 - MITSUBISHI KASEI VINYL [JP], et al
- [X] FR 2370764 A1 19780609 - THIOKOL CORP [US]
- [X] US 3317463 A 19670502 - EDWARD SCHONFELD, et al

Cited by
FR2766830A1; US6291624B1; US6627725B2; FR2774381A1; FR2766831A1; EP0822210A1; EP1182221A1; US6762272B1; WO9906461A1; WO9906462A1; WO9804608A1

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